# Knuckle Sandwich

Moonn Electronics

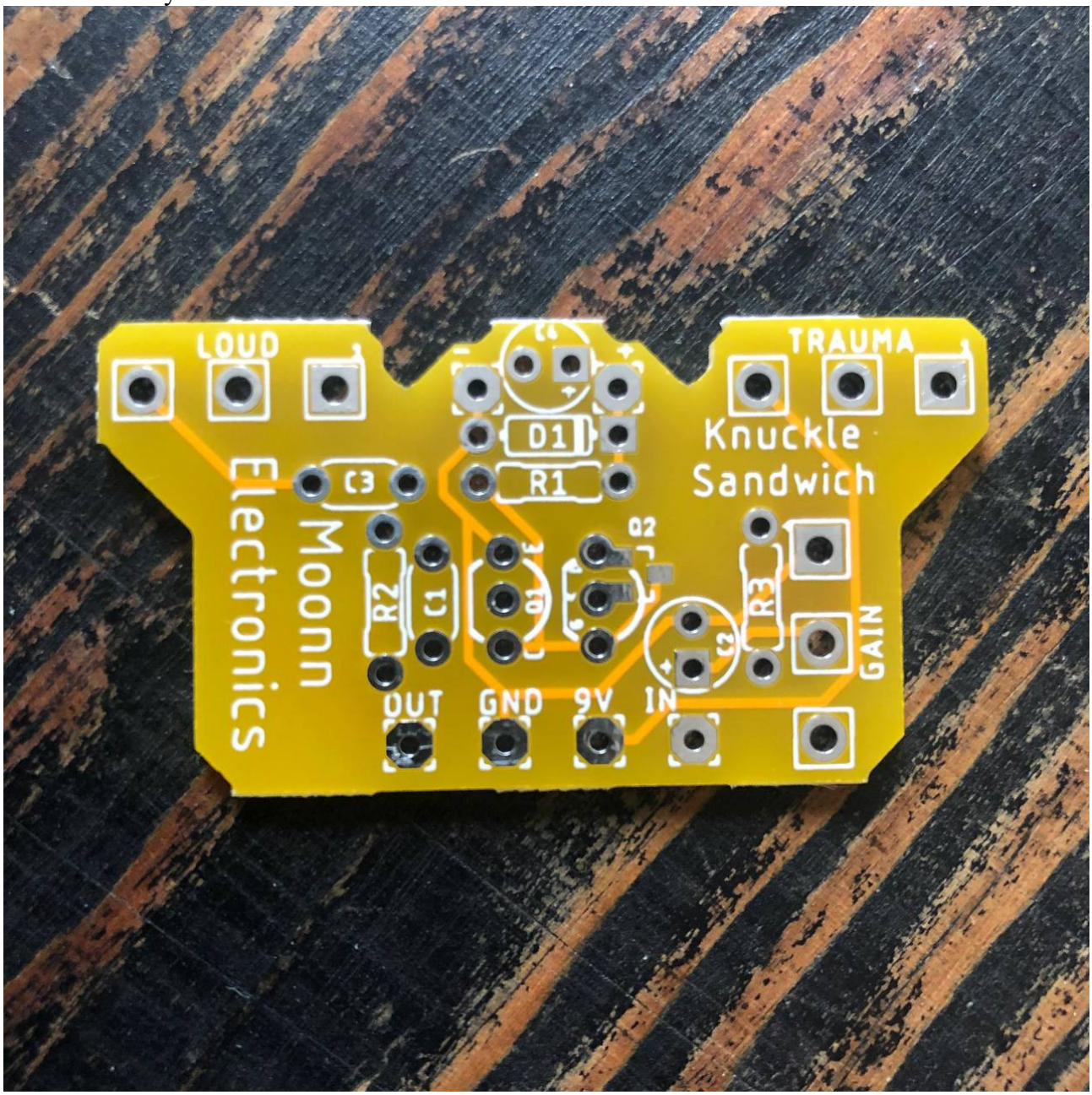
Use me to build a version of the Punch In The Face by Tim Escobedo

Hi there!
Thank you for building me!

Nothing much to say here
I hope you have a nice day

If you have any questions or anything else to say, just write an email to
moonnelectronics@gmail.com

Have a nice day!

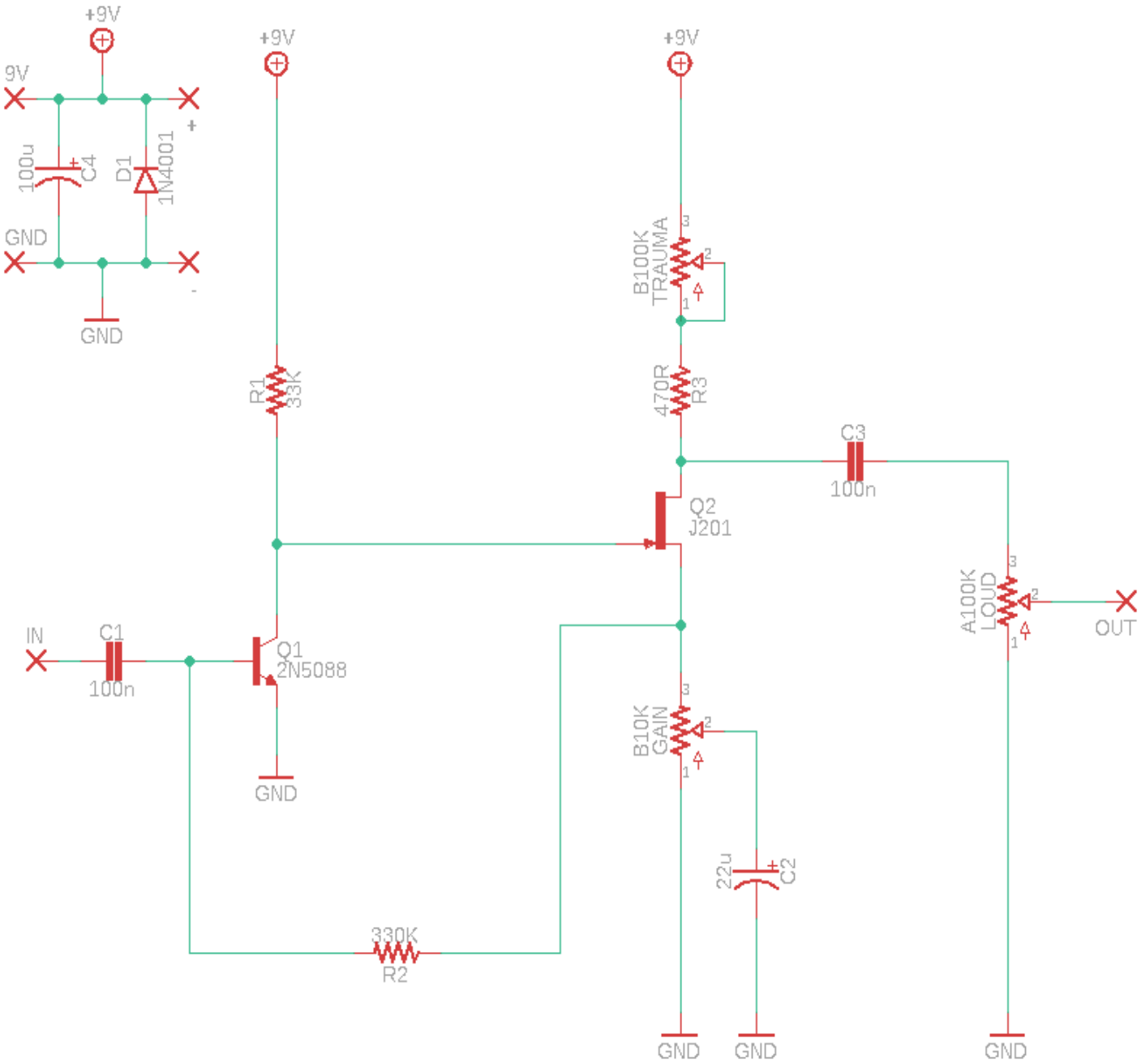



Moonn Electronics is in no way affiliated with Tim Escobedo

# Bill of Materials

| Qty | Value | Parts |
|---|---|---|
| Resistors | | |
| 1 | 470R | R3 |
| 1 | 33K | R1 |
| 1 | 330K | R2 |
| Film Capacitors | | |
| 2 | 100n | C1, C3 |
| Electrolytic Capacitors | | |
| 1 | 22u | C2 |
| 1 | 100u | C4 |
| Semiconductors | | |
| 1 | 1N4001 | D1 |
| 1 | 2N5088 | Q1 |
| 1 | J201 | Q2 |
| Potentiometers | | |
| 1 | B10K | GAIN |
| 1 | A100K | LOUD |
| 1 | B100K | TRAUMA |

# Schematic


+9V
9V
100u
C4
D1
1N4001
GND
+9V
R1
33K
+9V
B100K
TRAUMA
470R
R3
C3
100n
Q2
J201
A100K
LOUD
OUT
IN
C1
100n
Q1
2N5088
GND
B10K
GAIN
22u
C2
330K
R2
GND
GND
GND

# Offboard Wiring